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Reply to Office Action of December 23, 2008

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-3.   (Canceled)

4.   (Currently Amended) A system for generating application user interfaces enabling customization of the user interfaces for each of a plurality of users, the system comprising:

a personalization system including a personalization engine and ~~operable to deliver~~ a user profile interface, the user profile interface being delivered to each of a ~~client device of a~~ first user display of a first user of the plurality of users and to a second user display of a second user of the plurality of users, the user profile interface being operable to allow the first user to modify a first personalization data for ~~that~~ the first user and the second user to modify a second personalization data for the second user, the first personalization data characterizing a first ~~characterizing at least~~ one functional property of ~~at least one~~ a first user interface element of ~~the~~ a first application user interface presented on the ~~client device of that~~ first user display and the second personalization data characterizes a second functional property of a second user interface element of a second application user interface presented on the second user display, the first user interface element and the second user interface element appearing substantially similar on their respective displays but the first functional property and second functional property are different;

an Internet application server operable to execute at least one selected Internet application of a plurality of Internet applications, the Internet application server including a user interface generator operable to generate at least one application user interface for the selected Internet application, customized for the first user using metadata for the ~~at least one~~ first application user interface, and the first personalization data; ~~for the user requesting the at least one application user interface using the client device;~~

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a data repository including a data record for storing the first personalization data, for the user, the data record being accessible using the metadata, wherein the data repository comprises a database management server; and

a web server operable to deliver to the first user display of the customized first application user interface. client device of the user.

5.   (Currently Amended) The system of claim 4, wherein the at least one each of the first functional property and the second functional property includes an interaction model.

6.   (Currently Amended) The system of claim 5, wherein the interaction model associated with the first functional property determines the timing of delivery, from the client device first user display to the web server, of data input on the application user interface and is one of a deferred interaction model or an immediate interaction model, wherein the deferred interaction model is such that data input on the application user interface is deferred for delivery from the client device first user display to the web server and the immediate interaction model is such that data input on the application user interface is immediately delivered from the client device first user display to the web server.

Claims 7-14.   (Canceled)

15.   (Currently Amended) A system for generating a customizable user interface, the system comprising:

an Internet application server operable to support an Internet application;

an application user interface generator operable to generate the customizable user interface for of the Internet application for display on a client display device of a user of a plurality of users, the user interface being generated using personalization data set for by the user before execution of the Internet application, of the plurality of users, the personalization data being modifiable by the user of the plurality of users wherein the personalization data characterizes at least one functional property of the a user interface element of the user interface, the at least one functional property including an interaction model between the client display

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device and the Internet application server, wherein the interaction model is associated with the timing of delivery, from the ~~client~~ <u>display</u> device to the Internet application server, of data input on the user interface;

metadata associated with the at least one functional property of the user interface element; and

a data repository including a data record for storing the personalization data for each of the plurality of users, <u>wherein the data repository comprises a database management server, and</u> wherein each user of the plurality of users is able to modify the personalization data such that the application user interface functions differently for different users.

16.   (Currently Amended) The system of claim 15, wherein the user interface is configured for display on the ~~client~~ <u>display</u> device using standard web browser protocols.

17.   (Currently Amended) The system of claim 15, wherein the user interface is further configured for display on the ~~client~~ <u>display</u> device using features of a web browser, the features not requiring a browser add-on, plug-in, or extension.

18.   (Canceled)

19.   (Previously Presented) The system of claim 15, further including a configuration system configured to modify the data record.

20.   (Previously Presented) The system of claim 19, wherein the configuration system is included in the Internet application.

21.   (Currently Amended) An Internet application system having processor readable storage devices and processor readable code embedded therein for executing instructions on a computer system, comprising:

a user interface generator configured to generate an application user interface, the application user interface being compatible with a standard web browser and being generated in

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response to a request from a client device of a user of a plurality of users, the user interface

generator utilizing personalization data to generate the application user interface;

a web application server configured to deliver the application user interface to the

client device of each user; and

an Internet application accessible to the user through the generated application

user interface,

wherein the user is able to modify the personalization data before execution of the

Internet application, the personalization data characterizing at least one functional property of the

user interface, the at least one functional property including an interaction model between the

client device and the Internet application system, wherein the interaction model is associated

with the timing of delivery, from the client device to the Internet application server, of data input

on the application user interface, such that the application user interface that includes the user

interface with the interaction model based on the setting of the personalization data by the user

before execution of the Internet application functions differently for different users.

22.   (Previously Presented) The Internet application system of claim 21,

wherein the user interface generator is further configured to use metadata to generate the

application user interface.

23.   (Previously Presented) The Internet application system of claim 21,

wherein the at least one functional property is specific to a user interface element included in the

application user interface.

Claims 24-25. (Cancelled)

26.   (Previously Presented) The Internet application system of claim 21,

wherein the user interface generator is responsive to an identity of the client device or to an

identity of the user.

27.   (Currently Amended) The Internet application system of claim 21,

wherein the at least one functional property determining the interaction model between the client

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device and the Internet application system allows selection from a deferred interaction and immediate interaction model, wherein the deferred interaction model is such that data input on the application user interface is deferred for delivery from the client device to the Internet application system and the immediate interaction model is such that data input on the application user interface is immediately delivered from the client device to the Internet application system, and wherein the selection from the deferred interaction and the immediate interaction model is made by the user before execution of the Internet application.

28.   (Previously Presented) The Internet application system of claim 21, wherein the client device is wireless system.

Claims 29-37. (Canceled)

38.   (Currently Amended) A method of developing an application user interface associated with an Internet application, the method comprising the steps of:
selecting an interaction model characterized by a data record, the data record being stored in a data repository and being modifiable by a user of a plurality of users before execution of the Internet application, thereby allowing [[a]] the user of a plurality of users to modify at least one functional property of at least one user interface element in the application user interface before execution of the Internet Application, the data repository being physically remote from a client device of the user used to display the application user interface;
generating the application user interface for the user using the selected interaction model and the data record wherein the selection is made by the user before execution of the Internet application;
generating metadata associated with the interaction model, the metadata including a reference to the data record; and
storing the metadata in association with the Internet application, the Internet application being configured for access using the application user interface,

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wherein each user of the plurality of users is able to modify the data record <u>before</u> <u>execution of the Internet application</u> such that the application user interface functions differently for different users.

39.   (Previously Presented) The method of claim 38, wherein the application user interface includes an interaction model control command.

40.   (Previously Presented) The method of claim 38, wherein the interaction model is associated with the timing of delivery, from the client device to the Internet application server, of data input on the application user interface and wherein the interaction model includes one of an immediate mode or deferred mode of communication between the client device and the Internet application server, wherein the immediate mode is such that data input by the user on the application user interface is immediately delivered from the client device to the Internet application server and the deferred mode is such that data input on the application user interface is deferred for delivery from the client device to the Internet application server.

Claims 41-59. (Canceled)

60.   (Currently Amended) A computer implemented method of executing an Internet application, comprising the steps of:

receiving a request, from a client device of a user of a plurality of users, for an application user interface, the application user interface including at least one user interface element;

accessing a page definition, the page definition including metadata associated with the application user interface;

retrieving, using the metadata, a value characterizing an interaction model associated with the user interface, the value being stored in a data repository physically remote from the client device of the user, the value further being specified by the user <u>before execution</u> <u>of the Internet application</u> in order to modify interaction functionality of the application user

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interface, wherein the interaction model is associated with the timing of delivery, from the client device to the Internet application, of data input on the application user interface;

generating HTML responsive to the retrieved value;

including the generated HTML in the application user interface; and

delivering the application user interface to the client device of the user, the application user interface being an interface between the user and the Internet application,

wherein each user of the plurality of users is able to modify, before execution of the Internet application, the value in the data repository characterizing the interaction model such that the application user interface functions differently for different users.

61.　(Previously Presented) The method of claim 60, wherein the retrieved value characterizing the interaction model corresponds to one of a deferred or immediate mode of the interaction model for communication between the client device and the Internet application wherein the deferred mode is such that data input on the application user interface is deferred for delivery from the client device to the Internet application and the immediate mode is such that data input by the user on the application user interface is immediately delivered from the client device to the Internet application.

62.　(Previously Presented) The method of claim 60, wherein the interaction model is specific to a user interface element.

63.　(Previously Presented) The method of claim 60, further including displaying the application user interface at the client device using standard web browser protocols.

64.　(Previously Presented) The method of claim 60, further including identifying a requestor of the application user interface, wherein the interaction model is responsive to the identity of the requester.

Claims 65-77. (Canceled)

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78.   (Currently Amended) The system of claim 4, wherein each of the at least one first user interface element and the second user interface element is one of text, graphics, images, fields or buttons.

79.   (Currently Amended) The system of claim 4, wherein each of the at least one first functional property of the at least one first user interface element and second functional property of the second user interface element includes one of keystroke functionality or functionality of the display buttons.

Claim 80.   (Canceled)

81.   (Currently Amended) The system of claim 4, wherein the application user interface is presented to the first user on the client device first user display in a first presentation step and in a second presentation step, wherein the application user interface presented in the second presentation step is modified based on the first personalization data.

82.   (Previously Presented) The system of claim 15, wherein a user profile interface delivered to the user on the client device enables the user to modify the personalization data.

83.   (Previously Presented) The system of claim 15, wherein the interaction model is one of a deferred mode or immediate mode of communication between the client device and the Internet application server wherein, the deferred mode is such that data input on the user interface is deferred for delivery from the client device to the Internet application server and the immediate mode is such that data input on the user interface is immediately delivered from the client device to the Internet application server.

Claim 84.   (Canceled)

85.   (Currently Amended) The method of claim 38, wherein a user profile interface delivered to the user on the client device enables the user to modify the data record before execution of the Internet application.

86.   (Currently Amended) The method of claim 60, wherein a user profile interface delivered to the user on the client device enables the user to modify, before execution of the Internet application, the value in the data repository characterizing the interaction model.

87.   (New) A system for generating application user interfaces enabling customization of the user interfaces for each of a plurality of users, the system comprising:

a personalization system including a personalization engine and a user profile interface, the user profile interface being delivered to each of a first user display of a first user of the plurality of users and to a second user display of a second user of the plurality of users, the user profile interface being operable to allow the first user to modify a first personalization data - for the first user and the second user to modify a second personalization data for the second user, wherein the first personalization data characterizes a first functional property of a first user interface element of the application user interface presented on the first user display and the second personalization data characterizes a second functional property of a second user interface element of the application user interface presented on the second user display, the first user interface element and the second user interface element appearing substantially similar on their respective displays but differing in one or more settings of the first personalization data and the second personalization data such that the first functional property and the second functional property are different, resulting in the first user interaction with the first user interface element being different from the second user interaction with the second user interface element;

an Internet application server operable to execute at least one selected Internet application of a plurality of Internet applications, the Internet application server including a user interface generator operable to generate at least one application user interface for the selected Internet application, customized for each of the first user and the second user using metadata for the at least one application user interface, and the first personalization data and the second personalization data respectively;

a data repository including a first data record for storing the first personalization data and a second data record for storing the second personalization data, the first and second

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data record being accessible using the metadata, wherein the data repository comprises a

database management server; and

a web server operable to deliver to the first user display the application user

interface, as customized by the first user, including the first user interface element and deliver to

the second user display the application user interface, as customized by the second user,

including the second user interface element.